

**DA-P-105
AMENDMENTS**

**DA-P-105
AMENDMENTS**

DA-P-105	-	Hanging Top
5-1-1951	-	Hanging Bottom
5-1-1952	-	Vertical, Low Position
5-1-1953	-	Vertical, Low Position
5-1-1954	-	Vertical, High Position
5-1-1955	-	Blank
5-1-1956	-	Cover
5-1-1958	-	Adhesive Cap

TABLE II: Data from TABLE I. Physical properties for test assembly and materials the follow.				
<i>Note:</i>				
Property	Unit	Type I	Type II	Type III
Specific gravity, 25°C.		1.04	1.25	1.30
Viscosity, centipoise, 25°C.	cps	1,000	16,000	4,000
Tensile strength, 25°C.	psi	20	—	3
Ultimate elongation, 25°C.	%	—	1,000,000	300,000
Impact resistance, 25°C.		—	—	—
Impact resistance, 5°C.		—	—	—
Thermal conductivity, 25°C.	Watts/cm²·°C	0.125 ± 0.025	0.125	0.125
Thermal resistance, 25°C., 10% weight loss, °C		115	115	94
Water absorption, 24 hours, at 25°C., percent	Percent	0.1	0.15	2.0
Water absorption, 24 hours, at 50°C., percent	Percent	0.0V-1	0.0V-1	—

EDGWOOD RESEARCH, DEVELOPMENT AND ENGINEERING CENTER

PHYSICAL DESCRIPTION

**PLASTIC COMPONENTS FOR CHEMICAL-BIOLOGICAL PROTECTIVE
MASK, MARK I**

This amendment form is part of Edgewood Research, Development and Engineering Center (CDEREC) Product Description
Chemical and Biological Countermeasures Chemical Protective Device
Program and Engineering Center (CDEREC) Product Description
2A-P-105 dated November 14, 1992.

PAGE 1

2.1.1: Details in assembly and subsections the following:

"2.1.1 Drawing and publications. The following drawing and publications from a part of this document to the other specified items. Unless otherwise specified, the items are described in the publications.

U.S. ARMY CHEMICAL, RESEARCH, DEVELOPMENT AND ENGINEERING
CENTERS

DRAWINGS

- 5-1-1000 - Seal, Housing Valve
- 5-1-1553 - Housing Assembly
- 5-1-1554 - Lower
- 5-1-1555 - Lock

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.
1 of 10

PSC 000

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3

ATTACHMENT 007

EA-1-1485
AMENDMENT B

983

4.3.2: Delete in its entirety and substitute the following:

4.3.3. Morph. The stem article morph shall consist of one or more than 50 of such plants, collectively, naturally, aggregated, and preserved as will be used during the morph production. In addition, the specimen shall consist of at least 10% of the total number of plants, collectively, naturally, aggregated, and preserved as will be used during morph production. In addition, the specimen shall consist of at least 10% of the total number of plants, collectively, naturally, aggregated, and preserved as will be used during morph production. The stem article morph shall be maintained for inspection and appraisal by the collector with the services of the committee.

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TABLE III. Data from TABLE III, *Phenoxo-phenyl-pyrazole*, Im^{a} , in its ordinary modification substituted as follows:

14

Property	Value or method
Specific gravity, 25°C	1
Tensile strength, 25°C	5
Ultimate elongation, 25°C	3
Friction modulus, 25°C	5
Load-bearing resistance method, 25°C	3
Dissolution experiments at 25°C	2
Water absorption, 24 hours at 25°C	3
Flammability	12
	UL 94

卷之三

KA-P-1485
AMENDMENT 6

卷之三

433 Inspection Provisions. The first article in

4.4.2. During the meeting and discussions the following:
- discussion of the specific developments. The members from Australia suggested that the meeting should be organized in such a way as to facilitate the exchange of information and ideas and a maximum of plenum from each country or organization should be devoted to the discussion of international importance.

REVIEWS 21

THE INFLUENCE OF THE ENVIRONMENT ON THE GROWTH OF COTTON 103

TABLE V. Quality specifications selected properties			
Property	Requirement or Acceptance Criteria	Method	Spec.
Specific gravity, 25°C	1	Aer 6 May 1	ASTM D 92
Tensile strength, 25°C	5	Aer 6 May 1	ASTM D 638
Ultimate elongation, 25°C	5	Aer 6 May 1	ASTM D 638
Tensile modulus, 25°C	5	Aer 6 May 1	ASTM D 730
Impact strength, notched, 25°C	5	Aer 6 May 1	ASTM D 256
Deflection temperature	2	Aer 6 May 1	ASTM D 638
Water absorption, 24 hours, at 25°C	1	Aer 6 May 1	ASTM D 570
Thermoelectricity	12	Aer 6 May 1	UL 94

original has survived for this short time

original or certified for the first lot and every third lot thereafter.

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HISTORICAL
ARTICLE

670

TABLE VI. Data from TABLE V. Concentration of plasma proteins in the rat during the first 10 days after birth.

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AMENDMENTS

PAGE 10

4.4.5(e) Delete 4.4.5(e) in its entirety.

PAGE 14

4.4.5(f)

Under "Major:

Delete 102 in the sentence and substitute:

102 Pm Major Table IV, Level VII

34 CP

Delete 103 in the sentence and substitute:

103 Pm minor (CXLII) Table IV, Level VII

34 CP

Delete 104 in the sentence and substitute:

104 Iridium (CXC) Table IV, Level VII

34 CP

Delete 105 in the sentence and substitute:

105 Rg (CXC) Table IV, Level VII

34 CP

Under "Minor:

Add "204 Spallanei rare"

Table IV, Level IX

34 CP

4.4.5(g)

Under "Major:

Delete 203 in the sentence.

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AMENDMENT 1

PAGE 17

4.4.5(h)

Under "Major:

Delete 104 in the sentence and substitute:

104 Dimethyl (CXC) Table IV, Level VII

34 CP

Delete 105 in the sentence.

PAGE 21

Add the "Classification of Chemicals" from 4.4.9 (non radioactive ones).

BA-7-146
AMENDMENT 1

BA-7-146
AMENDMENTS

Prepared by:

Contractor:
U.S. Army Material Research, Development
and Test Center, Chem.
ATTC, RCD-200-3
Aerospace Proving Ground, MD 20901-5423

CLASSIFICATION OF CHARACTERISTICS		ITEM		ITEM	
		ITEM 1 or 1		ITEM 2 or 2	
ITEM	ITEM	ITEM	ITEM	ITEM	ITEM
4.4.50	Size, Nonstop Video				
Character	None defined				
Major					
101	Optical disc drive (L155)	Mobile TV, Land TV			
102	Optical disc drive (R165)	Mobile TV, Land TV			
103	Optical disc drive (R175)	Mobile TV, Land TV			
104	Optical disc drive (R185)	Mobile TV, Land TV			
105	Optical disc drive (R195)	Mobile TV, Land TV			
106	Optical disc drive (R205)	Mobile TV, Land TV			
107	Video (L175)	Mobile TV, Land TV			
108	Video (R175)	Mobile TV, Land TV			
109	Video (R185)	Mobile TV, Land TV			
110	Video (R195)	Mobile TV, Land TV			
111	Video (R205)	Mobile TV, Land TV			
Other					
201	Other				
202	Print				
203	Meeting				

CR - Commercial Inspection equipment
VI - Visual inspection

EA-P-1466

EA-P-1466

18 November 1982

S-1-1985	-	Washer, Low Friction
S-1-1973	-	Ring, Step Washer
S-1-1974	-	Shell
S-1-1975	-	Cover
S-1-2358	-	Housing

**CHEMICAL RESEARCH, DEVELOPMENT, AND ENGINEERING CENTER
PURCHASE DESCRIPTION****PLASTIC COMPONENTS FOR CHEMICAL-BILOGICAL PROTECTIVE
MASK, MODEL****1. SCOPE**

1.1 Scope. This specification covers mobile mask components fabricated from three types of plastic resins classified herein (see 1.2).

1.2 Classification. The mask components covered by this specification are made from plastic resins classified by type as follows:

- Type I - Polyphenylene oxide, modified
- Type II - Polyphenylene oxide, modified, 30-percent glass fiber reinforced
- Type III - Nylon 66, one-percent polytetrafluoroethylene filled

2. APPLICABLE DOCUMENTS**2.1 Government documents.**

2.1.1 Drawings and publications. The following drawings and publications form a part of this document in the extent specified herein. Unless otherwise specified, the items are those class in the exhibition.

U.S. ARMY CHEMICAL RESEARCH, DEVELOPMENT AND ENGINEERING CENTER**DRAWINGS**

- S-1-1952 - Valve Depressor
- S-1-1953 - Housing Assembly
- S-1-1954 - Lever
- S-1-1959 - Lock
- S-1-1961 - Housint, Top
- S-1-1962 - Housing, Bottom

PCG 4740

(Copies are available from Commander, U.S. Army Chemical Research, Development and Engineering Center, ATTN: SMCCR-PET-O, Aberdeen Proving Ground, MD 21010-5023.)
S-1-1985 - Washer, Low Friction
S-1-1973 - Ring, Step Washer
S-1-1974 - Shell
S-1-1975 - Cover
S-1-2358 - Housing

2.2 Order of precedence. In the event of a conflict between the text of this document and the reference cited herein, the text of this document takes precedence. Nothing in this document, however, supersedes applicable laws and regulations unless a specific exemption has been obtained.

3. REQUIREMENTS

3.1 First article. When specified (see 4.2), a sample of plastic components shall be submitted to the first article inspection in accordance with 4.3.

3.2 Materials (see 4.12). Plastic components furnished under this specification shall be made from new virgin plastic resins conforming to the specific characteristics set forth in this specification and formulated for use in injection molding and extrusion.

3.3 Type I. Type I material shall be modified polyphenylene oxide. The base material shall conform to the requirements of type I specified herein and the resin may contain up to 20 percent by weight of glass fibers. The overall glass fiber content shall be ± 2 percent from nominal.

3.4 Type II. Type II material shall be nylon 66 and have a nominal molecular weight of 100,000. The actual molecular weight content shall be ± 0.25 percent from nominal.

3.5 Type III. Type III material shall be polytetrafluoroethylene filled with carbon black. The overall carbon black content shall be ± 1 percent.

3.6 Physical properties. The physical properties of specimens prepared from the material shall conform to table II, as applicable.

3.7 Manufacture and assembly. The plastic components shall be manufactured and assembled in accordance with their applicable drawings.

3.8 Part numbers. The part numbers (society of the Plastics Industry [SPI] number) shall be as specified on the applicable plastic component drawing (see 4.3).

3.9 Metal cavity molding. Unless otherwise specified, each plastic component shall be identified with metal and cavity number marked by raised numerals, impression stamping or any other method as agreed upon by the Government and contractor. The location of the marking shall be approved by the Government when not specified on the applicable drawing.

3.7 Workmanship. The plastic components shall be smooth and free from burns, charring and excessive flash or specific to the applicable component drawing; imperfections such as cracks, checks, holes, bubbles, blisters and discoloration; contamination such as oil, paint, and dirt; and damage such as melt, abrasion, pits and punctures.

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

TABLE I. Chemical composition of glass fiber

Characteristic	Percent by weight	Minimum	Maximum
Boron oxide (B_2O_3)	5	10	—
Calcium oxide (CaO)	16	25	—
Aluminum oxide (Al_2O_3)	12	16	—
Silica (SiO_2)	52	56	—
Magnesium oxide (MgO)	—	5	—
Sodium monoxide (Na_2O)	—	2	—
Potassium oxide (K_2O)	—	2	—
Titanium dioxide (TiO_2)	—	0.8	—
Peritic oxide (Fe_2O_3)	0.05	0.4	—
Fluorine (F_2)	—	1.0	—

4. QUALITY ASSURANCE PROVISIONS

4.1 Responsibility for inspection. Unless otherwise specified in the contract or purchase order, the contractor is responsible for the performance of all inspection requirements (chemical analyses and tests) as specified herein. Except as otherwise specified in the contract or purchase order, the contractor may use his own or any other facilities suitable for the performance of the inspection requirements specified herein, unless disapproved by the Government. The Government reserves the right to perform any of the inspections set forth in this specification where such inspections are deemed necessary to ensure supplies and services conform to prescribed requirements.

4.1.1 Responsibility for compliance. All items shall meet all requirements of sections 3 and 5. The inspection set forth in this specification shall become a part of the contractor's overall inspection system or quality program. The absence of any inspection requirements in the specification shall not relieve the contractor of the responsibility of ensuring that all products or services submitted to the Government for acceptance comply with all requirements of this specification. Sampling inspection as part of manufacturing operations, is an acceptable practice to measure conformance to requirements; however, this does not absolve the contractor of the responsibility to submit samples of materials, either liquidated or actual, for inspection and approval in accordance with the terms of the contract.

4.1.2 Certification. The contractor shall certify that the requirements of 3.2 have been met.

TABLE II. Physical properties

Property	Unit	Type I	Type II	Type III
Specific gravity, 23°C., minerals	—	1.04	1.25	1.30
Tensile strength at yield, 23°C., minerals	psi	8,000	15,000	8,000
Ultimate elongation, 23°C., minerals	percent	20	—	3
Modulus of elasticity, 23°C., minerals	psi	—	1,000,000	—
Impact machine, 23°C., minerals	psi	—	—	350,000
Hard impact resistance notched beam, 23°C., 0.250 inch thick, minerals	in-lbm	3.0	1.9	0.8
Differential temperature, water bath or 25°C., 0.500 inch thick, minerals	°C	115	116	94
Low temperature softening at -35°C., minerals	°F	240	240	200
Water absorption, 24 hours at 23°C., minerals	percent	0.1	0.15	2.0
Flammability	—	94V-1	94V-1	—

4.2 First article inspection.

4.2.1 Inspections to be performed. As determined by the Government, the sample first article shall be examined and tested in accordance with the specification using either its first article procedures or other first article procedures which will be provided by the Government. The sample first article procedures may be subject to change or all of the examinations and tests specified in this specification may be subjected to any or all of the requirements of the applicable drawings.

4.2.2 Samples. The first article samples shall consist of not less than 50 of each plastic component (at least 5 taken from each mold cavity or mold) manufactured using the same methods, materials, equipment, and processes as will be used during regular production, test specimens (not required in increments after 2700) shall be manufactured from the same lot or batch of resin as the first article sample of plastic components under the same methods, materials, equipment, and processes as will be used during regular production. The first article sample shall be submitted for inspection and approval in accordance with the terms of the contract.

4.3 Contractor submission of compliance. The contractor's quality program, or detailed inspection system, shall provide assurance of compliance of all characteristics with the characteristics, drawings and specification requirements stated, as a minimum, in conformance with the specified herein.

4.4 Alternative inspection provisions. Alternative inspection procedures, methods, or equipment, such as statistical process control, and control, and other types of sampling procedures may be used by the contractor when provided, as a minimum, the level of quality measures required by the inspection provisions specified herein. Prior to applying any alternative procedure, method, or equipment, the contractor shall describe them in a written proposal submitted to the Government for evaluation and approval. (See 4.6) When offered, the contractor need advise the Government that the alternative(s) proposed is equal to or better than the quality assurance procedures specified herein. In cases of dispute as to whether the contractor's proposed alternative provides equal quality assurance, the provisions of this specification shall apply. All proposed alternative inspection procedures shall be specifically incorporated into the contractor's quality program or detailed inspection system, as applicable.

4.5 Classification of inspections. The inspection requirements specified herein are classified as follows:

(a) First article inspection (see 4.4)

(b) Quality confirmation inspection (see 4.4)

4.5.1 First article inspection. As determined by the Government, the sample first article shall be examined and tested in accordance with the specification using either its first article procedures or other first article procedures which will be provided by the Government. The sample first article procedures may be subject to change or all of the examinations and tests specified in this specification may be subjected to any or all of the requirements of the applicable drawings.

4.5.2 Samples. The first article samples shall consist of not less than 50 of each plastic component (at least 5 taken from each mold cavity or mold) manufactured using the same methods, materials, equipment, and processes as will be used during regular production. Test specimens (not required in increments after 2700) shall be manufactured from the same lot or batch of resin as the first article sample of plastic components under the same methods, materials, equipment, and processes as will be used during regular production. The first article sample shall be submitted for inspection and approval in accordance with the terms of the contract.

4.3.3 Inspection procedure. The first article test specimen shall be tested as specified in table III. The sample first article plastic component shall be subjected to all of the examinations and tests specified herein and be inspected for compliance with all of the requirements of the applicable drawings.

TABLE III. First article physical properties test^a

Property	Number of specimens	Test method	Test									
			I	II	III	IV	V	VI	VII	VIII	X	XI
Specific gravity, 23°C	1	ASTM D 792										
Tensile strength, 23°C	5	ASTM D 638										
Ultimate elongation, 23°C	5	ASTM D 638										
Modulus of elasticity, 23°C	5	ASTM D 638										
Flexural modulus, 23°C	5	ASTM D 790										
Load length resistance tested, 25°C	5	ASTM D 236 Method A										
Deflection temperature at 0.66 psi	2	ASTM D 648										
Low temperature brittleness at -35°C	10	ASTM D 746 Procedure A										
Water absorption 24 hours at 23°C	3	ASTM D 790										
Flammability	12	UL 94										

^aThe tests specified are destructive.

4.3.4 Acceptance criteria. If any first article sample item fails to comply with any of the applicable requirements, the first article sample shall be rejected. The Government reserves the right to terminate inspection upon any failure to comply with any of the requirements. The contractor shall obtain written approval, from the contracting activity, prior to proceeding with regular production.

4.4 Quality conformance inspection.

4.4.1 Inspections. A lot shall consist of the fabricated plastic components of the same dimensions and composition, produced by one manufacturer, at one place, from the same materials and equipment, and under the same manufacturing conditions. However, no more than one lot or subset of items (not >2) may be included in the same lot. A new lot shall be specified

following the occurrence of any event affecting the homogeneity of the lot. Any change in equipment or procedure used in regular production from that used in first article shall be approved by the Government prior to its initiation.

4.4.2 Sampling. Sampling shall be conducted in accordance with the classification of characteristics in 4.4.5 and, when specified, table IV. Samples shall be selected as follows:

TABLE IV. Sampling

Lot size	Inspection levels and sample sizes										
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI
2 to 8	•	•	•	•	•	•	•	•	•	5	2
9 to 15	•	•	•	•	•	•	•	•	15	8	5
16 to 25	•	•	•	•	•	•	•	20	13	8	5
26 to 50	•	•	•	•	•	•	32	20	13	8	5
51 to 90	•	•	•	•	•	50	32	20	13	8	7
91 to 150	•	•	•	•	125	50	32	20	13	11	7
151 to 200	•	•	•	125	50	32	20	20	13	10	7
201 to 500	•	•	125	50	48	20	20	13	10	9	7
501 to 1200	•	•	125	50	47	20	20	13	10	9	7
1201 to 2500	•	•	125	50	47	20	20	13	10	9	7
2501 to 5000	•	•	125	50	47	20	20	13	10	9	7
50001 to 500000	•	•	125	50	47	20	20	13	10	9	7
500001 and over	•	•	125	50	47	20	20	13	10	9	7

^aIndicates one hundred percent inspection. If sample size exceeds lot size, perform one hundred percent inspection.
Accept the lot represented by zero nonconforming characteristics and reject the lot if represented on one or more nonconforming characteristics for all inspection levels.

^bThe test specified are destructive.

^c Shall be tested for the first lot and every third lot thereafter.

4.4.3 Inspection procedure. Every item in the lot shall be inspected for critical characteristics. The lot represented shall be rejected when nonconformance to a critical characteristic is found. Sample plastic components shall be examined and in accordance with the classification of characteristics in 4.4.5. For each lot of regular production, one specimen shall be submitted in accordance with ASTM D 1697 from the same lot or batch of items for the plastic components and tested as specified in table V. Failure of any sample item to conform to any characteristic in the classification of characteristics or table V based on the sampling and acceptance criteria specified therein shall be cause for rejection of the lot represented.

4.4.4 Inspection characteristics. Critical characteristics are characteristics whose nonconformance to specified requirements is likely to result in hazardous or unsafe conditions for individuals, animals, or depending upon the product or service nonconformance to specified requirements is likely to prevent performance of a major function of the product or service. Nonconformance to specified requirements is likely to result in failure or to reduce materially the stability or reliability of the item for its intended purpose. Other characteristics are characteristics whose nonconformance to specified requirements is not likely to reduce materially the operation or usability of the item.

4.4.5 Classification of characteristics. Quality conformance examinations and tests shall be specified in the following classification of characteristics paragraphs. When specified as required, accept or reject on 1 attributes sampling technique shall be performed on items, except on 0 and reject on 1 attributes sampling technique shall be performed on designated characteristics using the stated levels in table IV for selection of sample sizes.

EA-P-1486

CLASSIFICATION OF CHARACTERISTICS

PARAMETER	TITLE	CHARACTERISTIC	MEASURE	VALIDATION NUMBER	
				where 1 or 1	5-1-1952 TEST REPORT
4.4.5(a)	Value dependent				5-1-1952 TEST REPORT

PARAMETER	TITLE	CHARACTERISTIC	MEASURE	VALIDATION NUMBER	
				where 1 or 1	5-1-1952 TEST REPORT
4.4.5(b)	Housing, assembly				5-1-1952 TEST REPORT

PARAMETER	TITLE	CHARACTERISTIC	MEASURE	VALIDATION NUMBER	
				where 1 or 1	5-1-1952 TEST REPORT
4.4.5(b)	Housing, assembly				5-1-1952 TEST REPORT

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CLASSIFICATION OF CHARACTERISTICS

PARAMETER	TITLE	CHARACTERISTIC	MEASURE	VALIDATION NUMBER	
				where 1 or 1	5-1-1952 TEST REPORT
4.4.5(b)	Lock				5-1-1952 TEST REPORT

PARAMETER	TITLE	CHARACTERISTIC	MEASURE	VALIDATION NUMBER	
				where 1 or 1	5-1-1952 TEST REPORT
4.4.5(b)	Lock				5-1-1952 TEST REPORT

NOTES:
 CE - Commercial inspection equipment
 VI - Visual inspection

NOTES:
 CE - Commercial inspection equipment
 VI - Visual inspection

PARAMETER	TITLE	CLASSIFICATION OF CHARACTERISTICS		DRAWING NUMBER S-1-1961 NETT WEIGHT: 1.57
		MEASURE	UNIT 1 OR 1 S-1-1953	
4.4.5.(4)	Housing, up			
CATEGORY	CHARACTERISTIC	MEASUREMENT AND ASSESSMENT CRITERIA	MEASUREMENT INSTRUMENTATION METHOD	INSPECTION METHOD
Major	None defined			
101	Height (0.11)	Table IV, Level VI	3.4	CE
102	Thickness (0.02)	Table IV, Level VI	3.4	CE
103	Thickness (0.06)	Table IV, Level VI	3.4	CE
104	Thickness (0.10)	Table IV, Level VI	3.4	CE
105	Thickness (0.77)	Table IV, Level VI	3.4	CE
106	Thickness (0.45)	Table IV, Level VI	3.4	CE
107	Workmanship (0.15)	Table IV, Level VI	3.7	VI
108	Flange (0.05)	Table IV, Level VI	3.4	CE
109	Snap (0.040)	Table IV, Level VI	3.4	CE
Metric				
201	Color	Table IV, Level IX	3.2	VI
202	Finish	Table IV, Level IX	3.3	VI
203	Marking	Table IV, Level IX	3.6	VI

PARAMETER	TITLE	CLASSIFICATION OF CHARACTERISTICS		DRAWING NUMBER S-1-1961 NETT WEIGHT: 1.57
		MEASURE	UNIT 1 OR 1 S-1-1953	
4.4.5.(6)	Housing, bottom			
CATEGORY	CHARACTERISTIC	MEASUREMENT AND ASSESSMENT CRITERIA	MEASUREMENT INSTRUMENTATION METHOD	INSPECTION METHOD
Major	None defined			
101	Diameter (0.45)	Table IV, Level VI	3.4	CE
102	Diameter (0.15)	Table IV, Level VI	3.4	CE
103	Diameter (0.45)	Table IV, Level VI	3.4	CE
104	Diameter (0.20)	Table IV, Level VI	3.4	CE
105	Diameter (0.20)	Table IV, Level VI	3.4	CE
106	Workmanship	Table IV, Level VI	3.7	VI
107	Workmanship	Table IV, Level VI	3.4	CE
108	Diameter (0.77)	Table IV, Level VI	3.4	CE
109	Diameter (0.79)	Table IV, Level VI	3.4	CE
Metric				
201	Brake diameter	Table IV, Level VI	3.4	CE
202	Thickness (0.055)	Table IV, Level VI	3.4	CE
203	Workmanship	Table IV, Level VI	3.7	VI
Metric				
201	Color	Table IV, Level IX	3.2	VI
202	Finish	Table IV, Level IX	3.3	VI
203	Marking	Table IV, Level IX	3.6	VI

PARAMETER	TITLE	CLASSIFICATION OF CHARACTERISTICS		DRAWING NUMBER S-1-1961 NETT WEIGHT: 1.57
		MEASURE	UNIT 1 OR 1 S-1-1953	
4.4.5.(7)	Washer, low friction			
CATEGORY	CHARACTERISTIC	MEASUREMENT AND ASSESSMENT CRITERIA	MEASUREMENT INSTRUMENTATION METHOD	INSPECTION METHOD
Major	None defined			
201	Outer diameter	Table IV, Level VI	3.4	CE
202	Thickness (0.055)	Table IV, Level VI	3.4	CE
203	Workmanship	Table IV, Level VI	3.7	VI
Metric				
201	Color	Table IV, Level IX	3.2	VI
202	Finish	Table IV, Level IX	3.3	VI
203	Marking	Table IV, Level IX	3.6	VI

NOTES:
CE - Commercial Inspection equipment
VI - Visual Inspection

NOTES:
CE - Commercial Inspection equipment
VI - Visual Inspection

EA-P-1485

EA-P-1486

EA-P-1486

CLASSIFICATION OF CHARACTERISTICS

PARAGRAPH 4.4.10	ITEM Bump, slip washer	PARA NUMBER		PARA NUMBER	
		sheet 1 or 1	5-1-1973 S-1-2702	sheet 1 or 1	5-1-1971 S-1-2702
CATEGORY	CHARACTERISTIC	MEASUREMENT METHOD	INSTRUMENTATION METHOD	MEASUREMENT METHOD	INSTRUMENTATION METHOD
Chisel	None defined				
Miller					
101	Thickness	Table IV, Level VI	3.4	CS	
102	Outside diameter	Table IV, Level VI	3.7	VS	
103	Workmanship				
Miller					
201	Color	Table IV, Level IX	3.2	VS	
202	Prints	Table IV, Level IX	3.5	VS	
203	Marking				

CLASSIFICATION OF CHARACTERISTICS

PARAGRAPH 4.4.10	ITEM Cover	PARA NUMBER		PARA NUMBER	
		sheet 1 or 1	5-1-1973 S-1-2702	sheet 1 or 1	5-1-1971 S-1-2702
CATEGORY	CHARACTERISTIC	MEASUREMENT METHOD	INSTRUMENTATION METHOD	MEASUREMENT METHOD	INSTRUMENTATION METHOD
Chisel	None defined				
Miller					
101	Major thread diameter	Table IV, Level VII	3.4	CS	
102	Minor thread diameter	Table IV, Level VII	3.4	CS	
103	Diameter (3.57)	Table IV, Level VII	3.7	VI	
104	Workmanship	Table IV, Level VII	3.4	CS	
105	Diameter (4.19)	Table IV, Level VII	3.4	CS	
Miller					
201	Color	Table IV, Level IX	3.2	VS	
202	Prints	Table IV, Level IX	3.5	VS	
203	Marking				

CLASSIFICATION OF CHARACTERISTICS

PARAGRAPH 4.4.10	ITEM Color, Prints, Marking	PARA NUMBER		PARA NUMBER	
		sheet 1 or 1	5-1-1973 S-1-2702	sheet 1 or 1	5-1-1971 S-1-2702
CATEGORY	CHARACTERISTIC	MEASUREMENT METHOD	INSTRUMENTATION METHOD	MEASUREMENT METHOD	INSTRUMENTATION METHOD
Miller					
201	Color	Table IV, Level IX	3.2	VS	
202	Prints	Table IV, Level IX	3.5	VS	
203	Marking				

NOTE:
CE - Commercial Inspection equipment
VI - Visual inspectionNOTE:
CE - Commercial Inspection equipment
VI - Visual inspectionNOTE:
CE - Commercial Inspection equipment
VI - Visual inspection

CLASSIFICATION OF CHARACTERISTICS				DRAWING NUMBER S-1-1554 TENT FINGER TAPE S-1-1560-20
PARAMETER	TITLE	CHARACTERISTIC	MEASURE	
4.4.3(i)	Level		either 1 or 1	S-1-1554 TENT FINGER TAPE S-1-1560-20
Critical	None defined			
Major				
101	Step (2.1, 0.475)	Table IV, Level VII	3.4	CE
102	Angle (45°)	Table IV, Level VII	3.4	CE
103	Step location (0.140)	Table IV, Level VII	3.4	CE
104	Step width (0.360)	Table IV, Level VII	3.4	CE
105	Step diameter (0.320)	Table IV, Level VII	3.4	CE
106	Hole diameter (0.130)	Table IV, Level VII	3.4	CE
107	Weariness	Table IV, Level VII	3.7	VI
Minor				
201	Color	Table IV, Level IX	3.2	VI
202	Print	Table IV, Level IX	3.3	VI
203	Mounting	Table IV, Level IX	3.6	VI

CLASSIFICATION OF CHARACTERISTICS				DRAWING NUMBER S-1-1558 TENT FINGER TAPE S-1-1560-20
PARAMETER	TITLE	CHARACTERISTIC	MEASURE	
4.4.3(i)	Housing*		either 1 or 1	S-1-1558 TENT FINGER TAPE S-1-1560-20
Critical	None defined			
Major				
101	Height (0.110)	Table IV, Level VII	3.4	CE
102	Holespace (0.060)	Table IV, Level VII	3.4	CE
103	Diameter (0.050)	Table IV, Level VII	3.4	CE
104	Thickness (0.160)	Table IV, Level VII	3.4	CE
105	Dimension (0.160)	Table IV, Level VII	3.4	CE
106	Diameter (0.050)	Table IV, Level VII	3.4	CE
107	Diameter (0.060)	Table IV, Level VII	3.4	CE
108	Weariness	Table IV, Level VII	3.7	VI
Minor				
201	Color	Table IV, Level IX	3.2	VI
202	Print	Table IV, Level IX	3.4	VI
203	Mounting	Table IV, Level IX	3.6	VI

NOTE:
C2 - Commercial inspection equipment
VI - Visual Inspection

NOTE:
*Air Force part
C1 - Commercial Inspection equipment
VI - Visual Inspection

- 4.4.4 Acceptance criteria. If the specification fails to meet all of the applicable physical properties (Table II), a review shall be made for the requirement or requirements which the specimen failed to meet. The same number of specimens used for the check test and for the check. If the specimen fails to conform to any of the applicable physical properties (Table II) on either, the lot represented shall be rejected.
- 4.5 PLACEMENT
- (This section contains information of a general or explanatory nature that may be helpful, but is not mandatory.)
- 4.5.1 Individual use. The plastic components covered by this specification are components of the entire quick disconnect assembly and therefore assembly of the M626A1 male.
- 4.5.2 Acquisition requirements. Acquisition documents must specify the following:
- (1) Item, number, and date of this specification.
 - (2) Name of DODCOM to be cited in the acquisition, and if required, the specific issue of individual documents referenced (see section 2).
 - (3) Technical drawings required.
 - (4) Price article.
- 4.5.3 Sampling.
- (1) Three allowed for contractor administration of samples for Government test and evaluation after award of contract.
 - (2) None and absence of use facility and shipping instructions when testing is performed by the Government.
 - (3) Test required for the Government to notify the contractor whether or not to proceed with production.
- 4.5.4 Material.
- 4.5.4.1 Metal bushings. Metal surface samples of plastic bushings may be obtained from the Society of the Plastics Industry, Inc. (Leverett Sales Department), 1225 K Street, N.W., Suite 400, Washington, D.C. 20005. Bushings 1/4 inch Gage A100. This grade of cylindrical bushings is designed to nest in the connection with connectors. Since the bushings will vary for different materials, it should only be used as a guide.
- 4.5.4.2 Bushings of alternative inspection procedures. Proposed alternative inspection procedures should be submitted by the contractor to the procuring contracting officer for evaluation and approval by the technical safety responsible for preparation of this specification.

- a. A lot or batch. A lot or batch is defined as that quantity of material which has been manufactured or assembled by one or more manufacturing processes or which has been subjected to physical testing at the same time, processes or which has been subjected to physical handling and uniformity and is defined as a lot or batch by the manufacturer. Manufacturing management and uniformity are defined as a lot or batch by the manufacturer.
- b. Unfinished article (see 1.1). Production and marking for finished articles is for unmanufactured articles (see 1.1). Production and marking for finished articles is for articles and materials that do not enter the military supply system. Typical examples are articles and materials that are supplied to a manufacturer or prime contractor, or between subcontractors, from a vendor or supplier to a military general, prime or secondary subcontractor, or from a vendor or supplier to a military general, prime or secondary subcontractor, manufacturer, and/or further processing as specified in the specific contract.

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